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**FAX TRANSMISSION****DATE:** July 11, 2005**PTO IDENTIFIER:** Application Number 10/664,359-Conf. #5550  
Patent Number**Inventor:** Rosen et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (703) 872-9306**FROM:** HUMAN GENOME SCIENCES, INC.

Doyle A. Siever

**PHONE:** (301) 354-3932**Attorney Dkt. #:** PS903**PAGES (Including Cover Sheet):** 1**CONTENTS:** Reply and Amendments Under 37 C.F.R. 1.111 (9 pages)  
Fee Transmittal (1 page)  
Certificate of Transmission (1 page)

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Intellectual Property Dept., 14100 Shady Grove Road, Rockville, Maryland 20850

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**JUL 11 2005**

PTO/SB-17 (12-04-v2)

Approved for use through 7/31/2008 OMB 0531-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (P.L. 109-171)		<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.401.		<b>Complete if Known</b>	
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 0.00		Application Number 10/664,359-Conf. #5550	
		Filing Date September 20, 2003	
		First Named Inventor Craig A. Rosen	
		Examiner Name H. A. Robinson	
		Art Unit 1653	
		Attorney Docket No. PS903	


  

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order	<input type="checkbox"/> None <input type="checkbox"/> Other (please identify) _____
<input checked="" type="checkbox"/> Deposit Account    Deposit Account Number 08-342	Deposit Account Name Human Genome Sciences, Inc.
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or under payment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>			
Application Type	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
							<b>2. EXCESS CLAIM FEES</b>
						<b>Small Entity</b>	
						<b>Fee (\$)</b>	<b>Fee (\$)</b>
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
<b>Total Claims</b>		<b>Extra Claims</b>		<b>Fee (\$)</b>		<b>Fee Paid (\$)</b>	
1	- 24 =	x					
<b>Indep. Claims</b>		<b>Extra Claims</b>		<b>Fee (\$)</b>		<b>Fee Paid (\$)</b>	
1	- 4 =	x					
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(d)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>		<b>Extra Sheets</b>		<b>Number of each additional 50 or fraction thereof</b>		<b>Fee (\$)</b>	
						<b>Fee Paid (\$)</b>	
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge):							

<b>SUBMITTED BY</b>		<b>Registration No.</b> 47,088		<b>Telephone</b> (301) 354-3932	
Signature 		(Attorney/Agent)		Date July 11, 2005	
Name (Print/Type) Doyle A. Siever					

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:  
Rosen et al.

Docket No.: PS903

Application No.: 10/664,359

Confirmation No.: 5550

Filed: September 20, 2003

Art Unit: 1653

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For: Polynucleotides Encoding Human Secreted  
Proteins (Amended herein)

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Examiner: H.A. Robinson

**REPLY AND AMENDMENTS UNDER 37 C.F.R. § 1.111**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir or Madam:

In response to the Office Action mailed April 11, 2005 (Paper No. 040405), please enter the following amendments and consider the following reply. Applicants submit concurrently herewith a Fee Transmittal Sheet (in duplicate).

Amendments to the Specification begin on page 2

Amendments to the Claims begin on page 3.

Remarks begin on page 4.

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PTO/SB/97 (09-04)

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Application No. (if known): 10/664,359

Attorney Docket No. PS803

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I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office.

on July 11, 2005  
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Marcia Russell  
Signature

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Reply and Amendments Under 37 C.F.R. 1.111 (9 pages)  
Fee Transmittal (1 page)

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